

10544897

L11 395 SEA SSS FUL L9

=> fil hcaplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

173.00

668.33

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

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=> s l11

L12 51 L11

=> d ed ibib abs hitstr 1-51

L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN  
 ED Entered STN: 28 Sep 2006  
 ACCESSION NUMBER: 2006:1006168 HCAPLUS  
 DOCUMENT NUMBER: 145:377349  
 TITLE: Preparation of carboxanilides as microbiocides  
 INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef;  
 Lamberth, Clemens; Tobler, Hans  
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.  
 SOURCE: PCT Int. Appl., 64pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

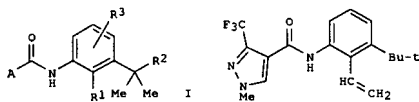
| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| WO 2006100039 | A1   | 20060928 | WO 2006-EP2595  | 20060321 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

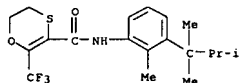
PRIORITY APPL. INFO.: EP 2005-6382 A 20050323

OTHER SOURCE(S): MARPAT 145:377349  
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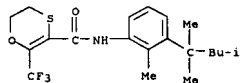


AB Title compds. represented by the formula I (wherein R1 = (un)substituted alkyl, alkenyl or alkynyl; R2 = alkyl; R3 = H or halo; A = (un)substituted pyrazol-4-yl, imidazol-3-yl, triazol-4-yl, etc.; and their tautomers, isomers or enantiomers thereof) were prepared as microbiocides. For example, amidation of 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxylic acid with (3-tert-butyl-2-vinylphenyl)amine (preparation given) provided II in 75% yield. Fungicidal formulations of I have been described, and their

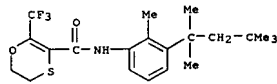
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



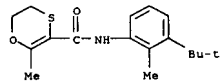
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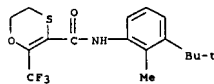
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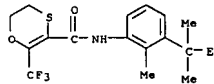
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L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 biol. activity against Brown rust on wheat, Powdery mildew on apple, Scab on apple, and etc., were tested.  
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 910873-99-3P 910874-00-9P 910874-01-0P  
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 RL: AGP (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES  
 (Uses)  
 (preparation of N-Ph heteroaryl carboxamides as microbiocides)  
 RN 910873-96-0 HCAPLUS  
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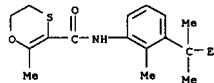


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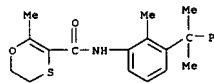


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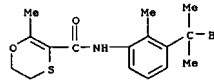
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



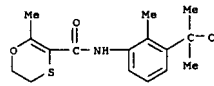
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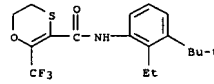
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RN 910874-05-4 HCAPLUS  
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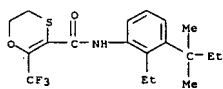
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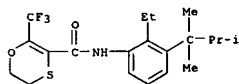
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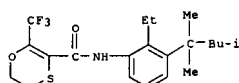
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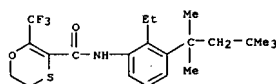
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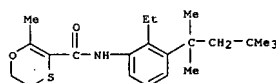


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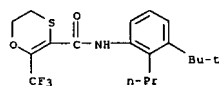


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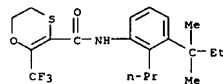
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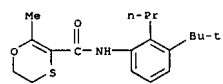
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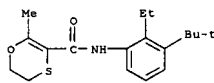
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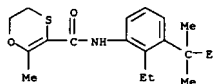
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L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

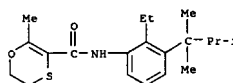
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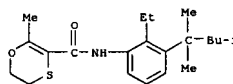
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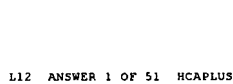
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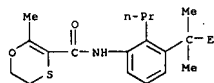
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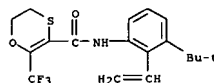
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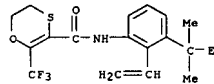
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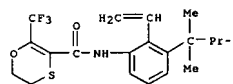
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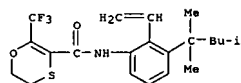
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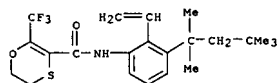
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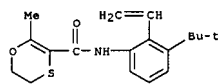
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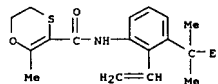
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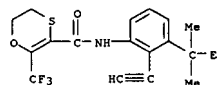


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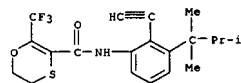


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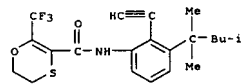
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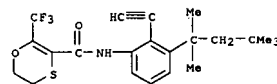
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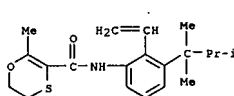


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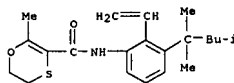


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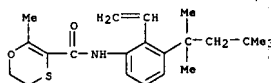
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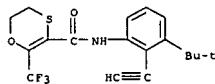
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 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,3-trimethylbutyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



RN 910874-29-2 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,3,3-tetramethylbutyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

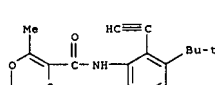


RN 910874-30-5 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[3-(1,1-dimethylpropyl)-2-ethynylphenyl]-5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

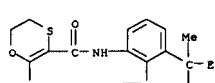


RN 910874-31-6 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,2-trimethylpropyl)phenyl]-5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

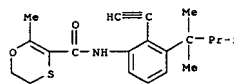
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



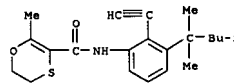
RN 910874-37-2 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,2-trimethylpropyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



RN 910874-39-4 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,2-trimethylpropyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



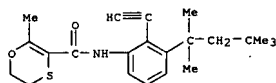
RN 910874-41-8 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,3-trimethylbutyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



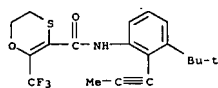
RN 910874-43-0 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-ethynyl-3-(1,1,3,3-tetramethylbutyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

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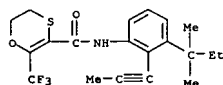
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



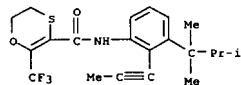
RN 910874-44-1 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide,  
N-[3-(1,1-dimethylethyl)-2-(1-propynyl)phenyl]-  
5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 910874-45-2 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, N-[3-(1,1-dimethylpropyl)-2-(1-propynyl)phenyl]-5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

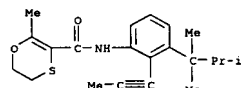


RN 910874-46-3 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-(1-propynyl)-3-(1,1,2-trimethylpropyl)phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

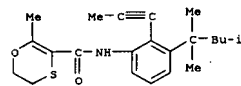


RN 910874-47-4 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-(1-propynyl)-3-(1,1,3-trimethylbutyl)phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

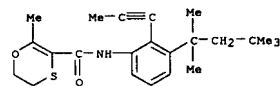
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 910874-52-1 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-(1-propynyl)-3-(1,1,3-trimethylbutyl)phenyl]- (9CI) (CA INDEX NAME)

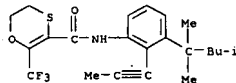


RN 910874-53-2 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-(1-propynyl)-3-(1,1,3-tetramethylbutyl)phenyl]- (9CI) (CA INDEX NAME)

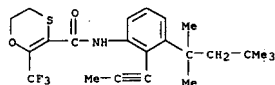


REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

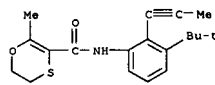
L12 ANSWER 1 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



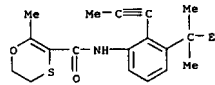
RN 910874-48-5 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-(1-propynyl)-3-(1,1,3,3-tetramethylbutyl)phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 910874-49-6 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide,  
N-[3-(1,1-dimethylethyl)-2-(1-propynyl)phenyl]-  
5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



RN 910874-50-9 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, N-[3-(1,1-dimethylpropyl)-2-(1-propynyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



RN 910874-51-0 HCAPLUS  
CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-(1-propynyl)-3-(1,1,2-trimethylpropyl)phenyl]- (9CI) (CA INDEX NAME)

L12 ANSWER 2 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN

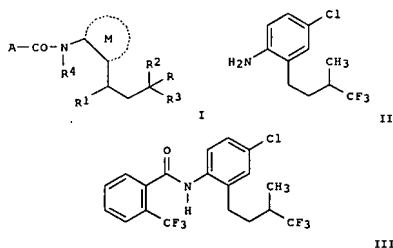
ED Entered STM: 18 Aug 2005  
ACCESSION NUMBER: 2005:811731 HCAPLUS  
DOCUMENT NUMBER: 143:229543  
TITLE: Preparation of benzanilides and related compounds as microbicides  
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Hartmann, Benoit; Greul, Joerg Nico; Ilg, Kerstin; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz  
PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany  
SOURCE: PCT Int. Appl., 91 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.            | KIND   | DATE     | APPLICATION NO.       | DATE       |
|-----------------------|--|----------|-----------------------|------------|
| WO 2005075411         | A1   | 20050818 | WO 2005-EP608         | 20050122   |
| W:                    | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |          |                       |            |
| RW:                   | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AE, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                       |            |
| DE 102004005786       | A1   | 20050825 | DE 2004-102004005786  | 20040206   |
| CA 2559396            | A1   | 20050818 | CA 2005-2559396       | 20050122   |
| EP 1716099            | A1   | 20061102 | EP 2005-701115        | 20050122   |
| R:                    | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS   |          |                       |            |
| PRIORITY APPL. INFO.: |  |          | DE 2004-102004005786A | 20040206   |
|                       |  |          | WO 2005-EP608         | W 20050122 |

OTHER SOURCE(S): MARPAT 143:229543  
GI

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L12 ANSWER 2 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB Title compds. I [R = H, halo; R1 = H, CH3; R2 = CH3, CH2CH3, haloalkyl, etc.; R3 = halo, haloalkyl, etc.; R4 = H, alkyl, alkylsulfinyl, etc.; M = (unsubstituted Ph, pyridinyl, pyrimidinyl, etc.) were prepared. For example, N-acylation of phenylamine II with 2-(trifluoromethyl)benzoyl chloride afforded benzanilide III 99% yield. In apple venturia

inaequalis protection assays, 6-examples of compds. I at 100 g/ha (sic), exhibited 93-100% protection after 10-days.

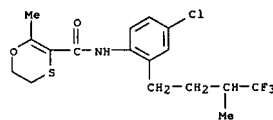
IT 862646-27-3P

RI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses) (preparation of benzanilides and related compds. for controlling microorganisms)

RN 862646-27-3 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, N-[4-chloro-2-(4,4,4-trifluoro-3-methylbutyl)phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NH, etc.; L1 = alkylene; L2 = bond, CO, etc.) are prepd. as bactericides and fungicides.

IT 862090-43-5P 862090-51-5P 862090-85-5P

862090-99-1P 862091-99-4P 862092-01-1P

862092-05-5P 862092-23-7P 862092-40-8P

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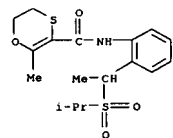
862093-66-1P 862093-70-7P

RI: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as bactericide and fungicide)

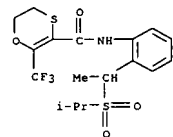
RN 862090-43-5 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[1-[(1-methylethyl)sulfonyl]ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 862090-51-5 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[1-[(1-methylethyl)sulfonyl]ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 862090-85-5 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[1-[(1-methylethyl)thio]ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN

ED Entered STN: 18 Aug 2005

ACCESSION NUMBER: 2005:811644 HCAPLUS

DOCUMENT NUMBER: 143:188299

TITLE: Preparation of carboxamide derivatives as bactericides

and fungicides  
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Hartmann, Benoit; Greul, Joerg Nico; Herrmann, Stefan; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 118 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: German

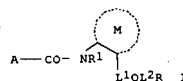
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.       | DATE       |
|---|------|----------|-----------------------|------------|
| WO 2005074686   | A1   | 20050818 | WO 2005-EP633         | 20050122   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                       |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                       |            |
| DE 102004005787   | A1   | 20050825 | DE 2004-102004005787  | 20040206   |
| CA 2556078  | A1   | 20050818 | CA 2005-2556078       | 20050122   |
| CN 1917763  | A    | 20070221 | CN 2005-80004212      | 20050122   |
| PRIORITY APPLN. INFO.:  |      |          | DE 2004-102004005787A | 20040206   |
|   |      |          | WO 2005-EP633         | W 20050122 |

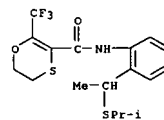
OTHER SOURCE(S): MARPAT 143:188299

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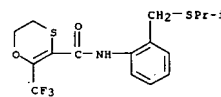
AB The carboxamides I [M = (un)substituted Ph, pyridinyl, pyrimidinyl, pyridazinyl, pyrazinyl or thiazolyl A = (un)substituted Ph, pyrazolyl, pyridinyl, etc.; R = H, alkyl, alkoxy, alkoxyalkyl, etc.; R1 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, etc.; Q = O, S, SO, SO2,

L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



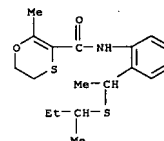
RN 862090-99-1 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[1-[(1-methylethyl)thio]methyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



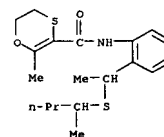
RN 862091-99-4 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-[1-[(1-methylpropyl)thio]ethyl]phenyl]- (9CI) (CA INDEX NAME)



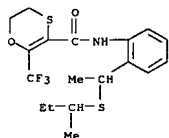
RN 862092-01-1 HCAPLUS

CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-[1-[(1-methylbutyl)thio]ethyl]phenyl]- (9CI) (CA INDEX NAME)

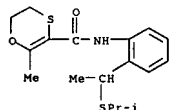


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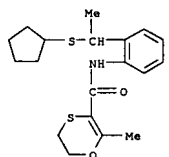
L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 862092-05-5 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[(1-methylpropyl)thio]ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 862092-23-7 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-[(1-methylethyl)thio]ethyl]phenyl]- (9CI) (CA INDEX NAME)

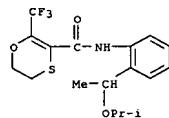


RN 862092-40-8 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-[1-(cyclopentylthio)ethyl]phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

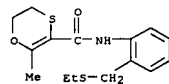


RN 862092-42-0 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-[1-(cyclopentylthio)ethyl]phenyl]-5,6-dihydro-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

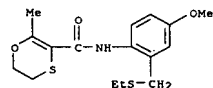
L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



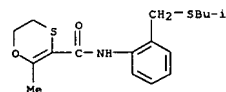
RN 862093-54-7 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-[(1-methylpropyl)thio]ethyl]phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)



RN 862093-56-9 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, N-[2-[(1-methylpropyl)thio]ethyl]phenyl]-5,6-dihydro-2-methyl- (9CI) (CA INDEX NAME)

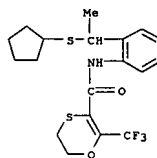


RN 862093-66-1 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-[(1-methylpropyl)thio]ethyl]phenyl]- (9CI) (CA INDEX NAME)

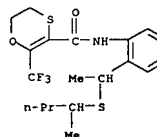


RN 862093-70-7 HCAPLUS  
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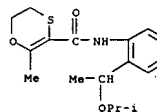
L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862092-46-4 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[(1-methylpropyl)thio]ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

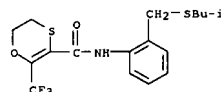


RN 862092-82-8 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-[(1-methylethoxy)ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 862093-00-3 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-N-[2-[(1-methylethoxy)ethyl]phenyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L12 ANSWER 3 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

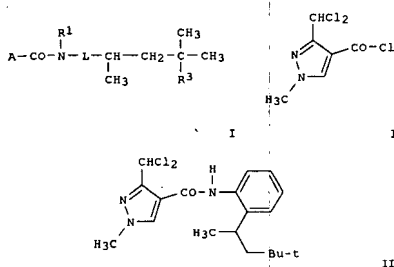
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L12 ANSWER 4 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN  
 ED Entered STN: 13 May 2005  
 ACCESSION NUMBER: 2005:409485 HCAPLUS  
 DOCUMENT NUMBER: 142:463762  
 TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicides  
 INVENTOR(S): Elbe, Hans-Ludwig; Gebauer, Olaf; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen,  
 PATENT ASSIGNEE(S): Peter; Kuck, Karl-Heinz  
 Dunkel,  
 SOURCE: Bayer Cropscience Aktiengesellschaft, Germany;  
 Ralf  
 PCT Int. Appl., 83 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| WO 2005042493   | A1   | 20050512 | WO 2004-EP11397  | 20041012   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                  |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |            |
| DE 10352082   | A1   | 20050525 | DE 2003-10352082 | 20031107   |
| IN 2004DE01799  | A    | 20070112 | IN 2004-DE1799   | 20040923   |
| AU 2004285635   | A1   | 20050512 | AU 2004-285635   | 20041012   |
| CA 2543052  | A1   | 20050512 | CA 2004-2543052  | 20041012   |
| EP 1678142  | A1   | 20060712 | EP 2004-790293   | 20041012   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK   |      |          |                  |            |
| CN 1871219  | A    | 20061129 | CN 2004-80031204 | 20041012   |
| BR 2004015462   | A    | 20061219 | BR 2004-15462    | 20041012   |
| US 2007037858   | A1   | 20070215 | US 2006-576243   | 20061027   |
| PRIORITY APPLN. INFO.:  |      |          | DE 2003-10352082 | A 20031023 |
|   |      |          | DE 2003-10352082 | A 20031107 |
|   |      |          | WO 2004-EP11397  | W 20041012 |

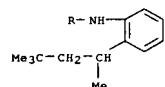
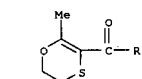
OTHER SOURCE(S): MARPAT 142:463762  
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L12 ANSWER 4 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

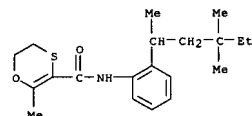


AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; L = Ph, thioles with provisos; R3 = halo, alkyl, haloalkyl, etc.] were prepared  
 For example, N-acylation of [2-(1,3,3-trimethylbutyl)phenyl]amine with acid chloride II afforded pyrazolylcarboxanilide III in 89% yield. In venturia apple protection assays, 10-examples of compds. I exhibited 92-100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.  
 IT 851764-67-5P 851764-68-6P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (preparation of pyrazolylcarboxanilides and related compds. as microbicides)  
 RN 851764-67-5 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (9CI) (CA INDEX NAME)

L12 ANSWER 4 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 851764-68-6 HCAPLUS  
 CN 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-[2-(1,3,3-trimethylpentyl)phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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L12 ANSWER 5 OF 51 HCAPLUS COPYRIGHT 2007 ACS on STN

ED Entered STN: 13 May 2005  
 ACCESSION NUMBER: 2005:409484 HCAPLUS  
 DOCUMENT NUMBER: 142:463761  
 TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicide agents  
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen,  
 PATENT ASSIGNEE(S): Peter; Kuck, Karl-Heinz  
 SOURCE: Bayer Cropscience Aktiengesellschaft, Germany  
 PCT Int. Appl., 84 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|------------------|------------|
| WO 2005042492   | A1   | 20050512 | WO 2004-EP11394  | 20041012   |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                  |            |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |            |
| DE 10349502   | A1   | 20050525 | DE 2003-10349502 | 20031023   |
| AU 2004285633   | A1   | 20050512 | AU 2004-285633   | 20041012   |
| CA 2543050  | A1   | 20050512 | CA 2004-2543050  | 20041012   |
| EP 1678141  | A1   | 20060712 | EP 2004-765931   | 20041012   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK   |      |          |                  |            |
| CN 1871220  | A    | 20061129 | CN 2004-80031231 | 20041012   |
| BR 2004015454   | A    | 20061219 | BR 2004-15454    | 20041012   |
| PRIORITY APPLN. INFO.:  |      |          | DE 2003-10349502 | A 20031023 |
|   |      |          | WO 2004-EP11394  | W 20041012 |

OTHER SOURCE(S): MARPAT 142:463761  
 GI